

**Kifle, Bruck**

**From:** wmercier@cas.org  
**Sent:** Wednesday, January 29, 2003 8:31 PM  
**To:** Bruck.Kifle@USPTO.GOV  
**Subject:** RE: help

**Importance:** High



capro.rtf

ARG!! I see what you mean. I was moving too fast (did not do a SAM search - don't tell anyone!)

This will work.

L1 is the caprolactam structure.

L1        STRUCTURE UPLOADED  
L2    402808 S 3/NRRS AND N>=1 AND 1/NRS NOT (110.34.3 OR 110.34.1)/RID  
L3    428165 S 3/NRRS AND N>=1 AND 2/NRS NOT (110.34.3 OR 110.34.1)/RID  
L4    374839 S 3/NRRS AND N>=1 AND NRS>=3 NOT (110.34.3 OR 110.34.1)/RID  
L5    468842 S 4/NRRS AND N>=1 NOT (110.34.3 OR 110.34.1)/RID

Note: I now realize that by NOTting out the Ring identifier for caprolactam you miss any substances that have the caprolactam ring in addition to the fused caprolactam ring; so you may want to try it without that piece.

L6        32 S L1 SSS SAM SUB=L2  
L7        41 S L1 SSS SAM SUB=L3  
L8        9 S L1 SSS SAM SUB=L4  
L9        33 S L1 SSS SAM SUB=L5  
L10    10439 S L1 SSS FULL SUB=L2  
L11    8422 S L1 SSS FULL SUB=L3  
L12    3770 S L1 SSS FULL SUB=L4  
L13    9395 S L1 SSS FULL SUB=L5  
L14    31960 S L10 OR L11 OR L12 OR L13

Bill

-----Original Message-----

**From:** [Bruck.Kifle@USPTO.GOV](mailto:Bruck.Kifle@USPTO.GOV) [mailto:[Bruck.Kifle@USPTO.GOV](mailto:Bruck.Kifle@USPTO.GOV)]  
**Sent:** Wednesday, January 29, 2003 6:34 PM  
**To:** [wmercier@cas.org](mailto:wmercier@cas.org)  
**Subject:** RE: help

When I ran the SSS on caprolactam, the search will not go to completion.

-----Original Message-----

**From:** [wmercier@cas.org](mailto:wmercier@cas.org) [mailto:[wmercier@cas.org](mailto:wmercier@cas.org)]  
**Sent:** Wednesday, January 29, 2003 6:26 PM  
**To:** [Bruck.Kifle@USPTO.GOV](mailto:Bruck.Kifle@USPTO.GOV)

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S 3/NRRS and N>=1 and 1/nrs not (110.34.3 or 110.34.1)/rid  
L2 402808 3/NRRS AND N>=1 AND 1/NRS NOT (110.34.3 OR 110.34.1)/RID  
  
=> S 3/NRRS and N>=1 and nrs=2 not (110.34.3 or 110.34.1)/rid  
L3 428165 3/NRRS AND N>=1 AND NRS=2 NOT (110.34.3 OR 110.34.1)/RID  
  
=> S 3/NRRS and N>=1 and nrs>=3 not (110.34.3 or 110.34.1)/rid  
L4 374839 3/NRRS AND N>=1 AND NRS>=3 NOT (110.34.3 OR 110.34.1)/RID  
  
=> S 4/NRRS and N>=1 not (110.34.3 or 110.34.1)/rid  
L5 468842 4/NRRS AND N>=1 NOT (110.34.3 OR 110.34.1)/RID

=> s l1 sub=l2 sss sam  
SAMPLE SUBSET SEARCH INITIATED 20:20:14 FILE 'REGISTRY'  
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 11517 TO ITERATE

8.7% PROCESSED 1000 ITERATIONS 32 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE \*\*COMPLETE\*\*  
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 223918 TO 236762  
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 6219 TO 8521

L6 32 SEA SUB=L2 SSS SAM L1

=> s l1 sub=l3 sss sam  
SAMPLE SUBSET SEARCH INITIATED 20:20:21 FILE 'REGISTRY'  
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 13334 TO ITERATE

7.5% PROCESSED 1000 ITERATIONS 41 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE \*\*COMPLETE\*\*  
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 259772 TO 273588  
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 9531 TO 12335

L7 41 SEA SUB=L3 SSS SAM L1

=> s l1 sub=l4 sss sam  
SAMPLE SUBSET SEARCH INITIATED 20:20:26 FILE 'REGISTRY'  
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 10483 TO ITERATE

9.5% PROCESSED 1000 ITERATIONS 9 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE \*\*COMPLETE\*\*  
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 203531 TO 215789  
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 1304 TO 2468

L8 9 SEA SUB=L4 SSS SAM L1

=> s l1 sub=15 sss sam  
SAMPLE SUBSET SEARCH INITIATED 20:20:31 FILE 'REGISTRY'  
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 12681 TO ITERATE

7.9% PROCESSED 1000 ITERATIONS 33 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE \*\*COMPLETE\*\*  
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 246883 TO 260357  
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 7142 TO 9596

L9 33 SEA SUB=L5 SSS SAM L1

=> s l1 sub=12 sss full  
FULL SUBSET SEARCH INITIATED 20:20:51 FILE 'REGISTRY'  
FULL SUBSET SCREEN SEARCH COMPLETED - 228897 TO ITERATE

100.0% PROCESSED 228897 ITERATIONS 10439 ANSWERS  
SEARCH TIME: 00.00.02

L10 10439 SEA SUB=L2 SSS FUL L1

=> s l1 sub=13 sss full  
FULL SUBSET SEARCH INITIATED 20:21:04 FILE 'REGISTRY'  
FULL SUBSET SCREEN SEARCH COMPLETED - 268252 TO ITERATE

100.0% PROCESSED 268252 ITERATIONS 8422 ANSWERS  
SEARCH TIME: 00.00.02

L11 8422 SEA SUB=L3 SSS FUL L1

=> s l1 sub=14 sss full  
FULL SUBSET SEARCH INITIATED 20:21:09 FILE 'REGISTRY'  
FULL SUBSET SCREEN SEARCH COMPLETED - 211217 TO ITERATE

100.0% PROCESSED 211217 ITERATIONS 3770 ANSWERS  
SEARCH TIME: 00.00.02

L12 3770 SEA SUB=L4 SSS FUL L1

=> s l1 sub=15 sss full  
FULL SUBSET SEARCH INITIATED 20:21:16 FILE 'REGISTRY'  
FULL SUBSET SCREEN SEARCH COMPLETED - 254897 TO ITERATE

100.0% PROCESSED 254897 ITERATIONS 9395 ANSWERS  
SEARCH TIME: 00.00.03

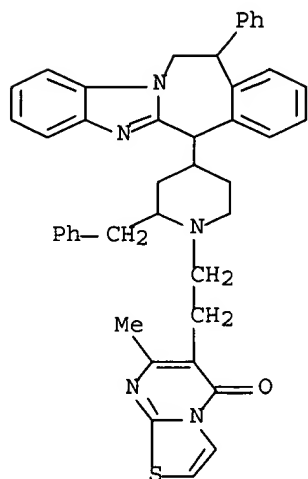
L13 9395 SEA SUB=L5 SSS FUL L1

=> s l10 or l11 or l12 or l13

L14 31960 L10 OR L11 OR L12 OR L13

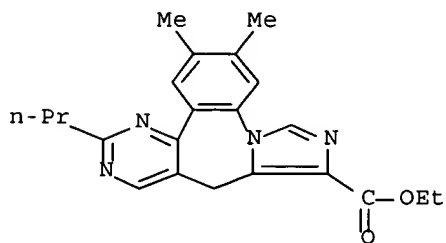
=> d scan str

L14 31960 ANSWERS REGISTRY COPYRIGHT 2003 ACS

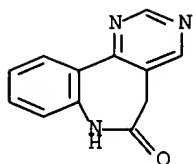


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L14 31960 ANSWERS REGISTRY COPYRIGHT 2003 ACS



L14 31960 ANSWERS REGISTRY COPYRIGHT 2003 ACS



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> d his

(FILE 'REGISTRY' ENTERED AT 19:35:48 ON 29 JAN 2003)

L1	STRUCTURE UPLOADED
L2	402808 S 3/NRRS AND N>=1 AND 1/NRS NOT (110.34.3 OR 110.34.1)/RID
L3	428165 S 3/NRRS AND N>=1 AND NRS=2 NOT (110.34.3 OR 110.34.1)/RID
L4	374839 S 3/NRRS AND N>=1 AND NRS>=3 NOT (110.34.3 OR 110.34.1)/RID
L5	468842 S 4/NRRS AND N>=1 NOT (110.34.3 OR 110.34.1)/RID
L6	32 S L1 SSS SAM SUB=L2
L7	41 S L1 SSS SAM SUB=L3
L8	9 S L1 SSS SAM SUB=L4
L9	33 S L1 SSS SAM SUB=L5
L10	10439 S L1 SSS FULL SUB=L2
L11	8422 S L1 SSS FULL SUB=L3
L12	3770 S L1 SSS FULL SUB=L4
L13	9395 S L1 SSS FULL SUB=L5
L14	31960 S L10 OR L11 OR L12 OR L13